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August 29, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Technology Center 2100

SUBJECT: Applicants: Stein et al.
Serial No: 10/090,941
Filed: March 5, 2002
For: SINGLE INSTRUCTION MULTIPLE DATA ARRAY CELL

Group No: 2183
Docket No: AD-303J

Dear Sir:

Pursuant to 37 CFR §1.56, enclosed are an Information Disclosure Citation in an Application, Form PTO-A820, and copies of thirty-seven (37) references.

This Information Disclosure Citation is timely filed and should be considered as it is filed before the mailing date of the first Office Action on the merits of the subject application pursuant to 37 CFR §1.97(b)(3).

If at any time it appears that a TELEPHONE CONFERENCE with counsel would help advance prosecution, please telephone the undersigned, or his associates, collect in Waltham, Massachusetts, at. (781) 890-5678.

If any payment during prosecution is found to be incorrect, please charge any deficiency or credit any overpayment to by Deposit Account No. 09-0002. A copy of this letter is enclosed for use by the Finance Branch in the event that it is necessary to make any charge or credit to my deposit account.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely,

R. Stephen Rosenholm
Reg. No. 45,283

RSR:wj
Enclosures

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 29, 2003.

Wynne D. Janis

INFORMATION DISCLOSURE CITATION

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Art Unit

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U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	FILING DATE IF APPROPRIATE
	1	6,587,864 B2	07/01/2003	Stein et al.	
	2	6,434,662 B1	08/13/2002	Greene et al.	
	3	6,349,318 B1	02/19/2002	Vanstone et al.	
	4	6,246,768 B1	06/12/2001	Kim	
	5	6,230,179 B1	05/08/2001	Dworkin et al.	
	6	6,199,087 B1	03/06/2001	Blake et al.	
	7	6,199,086 B1	03/06/2001	Dworkin et al.	
	8	6,049,815	04/11/2000	Lambert et al.	
	9	5,689,452	11/18/1997	Cameron	
	10	5,446,850	08/29/1995	Jeremiah et al.	
	11	5,379,243	01/03/1995	Greenberger et al.	

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FOREIGN PATENT DOCUMENTS

	REF	FOREIGN DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	Translation	
					YES	NO
	12	EP 1 246 389 A1	10/02/2002	Europe		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

13	Viktor Fischer, <i>Realization of the Round 2 AES Candidates Using Altera FPGA</i> , (January 26, 2001) < http://csrc.nist.gov/CryptoToolkit/aes/roun2/conf3/papers/24-vfischer.pdf > (Micronic - Kosice, Slovakia).
14	Máire McLoone and J.V. McCanny, <i>High Performance Single-Chip FPGA Rijndael Algorithm Implementations</i> , CHES 2001 PROC, LNCS 2162, 65-76 (Ç.K. Koç et al. eds. 16 May 2001).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	15	5,214,763	05/25/1993	Blaner et al.	
	16	5,095,525	03/10/1992	Almgren et al.	
	17	4,918,638	04/17/1990	Matsumoto et al.	
	18	4,852,098	07/25/1989	Brechard et al.	
	19	4,847,801	07/11/1989	Tong	
	20	4,722,050	01/26/1988	Lee et al.	
	21	3,805,037	04/16/1974	Ellison	
	22	US 2003/0149857 A1	08/07/2003	Stein et al.	
	23	US 2003/0140213 A1	07/24/2003	Stein et al.	
	24	US 2003/0140211 A1	07/24/2003	Stein et al.	
	25	US 2003/0133568 A1	07/17/2003	Stein et al.	

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	26	elixent, <i>Changing the Electronic Landscape</i> (2001) < http://www.elixent.com > (elixent - Bristol, UK).
	27	elixent Application Note <i>JPEG Codec</i> (Dec. 9, 2002) < http://www.elixent.com/assets/jpeg-coder.pdf > (elixent - Bristol, UK).

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	28	US 2003/0115234 A1	06/19/2003	Stein et al.	
	29	US 2003/0110196 A1	06/12/2003	Stein et al.	
	30	US 2003/0105791 A1	06/05/2003	Stein et al.	
	31	US 2003/0103626 A1	06/05/2003	Stein et al.	
	32	US 2002/0147825 A1	10/10/2002	Stein et al.	
	33	US 2002/0041685 A1	04/11/2002	McLoone et al.	
	34	10/440,330		Stein et al.	05/16/2003
	35	10/395,620		Stein et al.	03/24/2003

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				YES	NO

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36	V. Baumgarte et al., <i>PACT XPP - A Self-Reconfigurable Data Processing Architecture</i> (June 2001) < http://www.pactcorp.com/xneu/download/ersa01.pdf > (PACT XPP - Santa Clara, CA).
37	PACT Informationstechnologie GmbH, <i>The XPP White Paper Release 2.1</i> (March 27, 2002) < http://www.pactcorp.com/xneu/download/xpp_white_paper.pdf > (PACT XPP - Santa Clara, CA).

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